

08/977221
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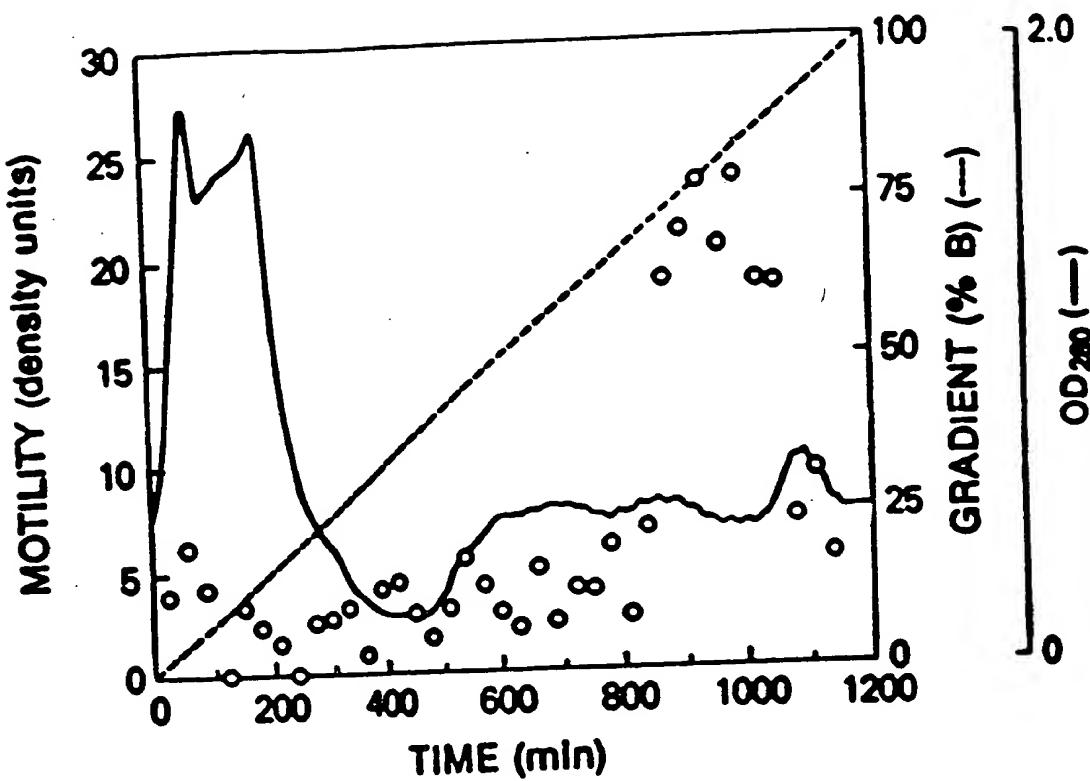


FIGURE 1

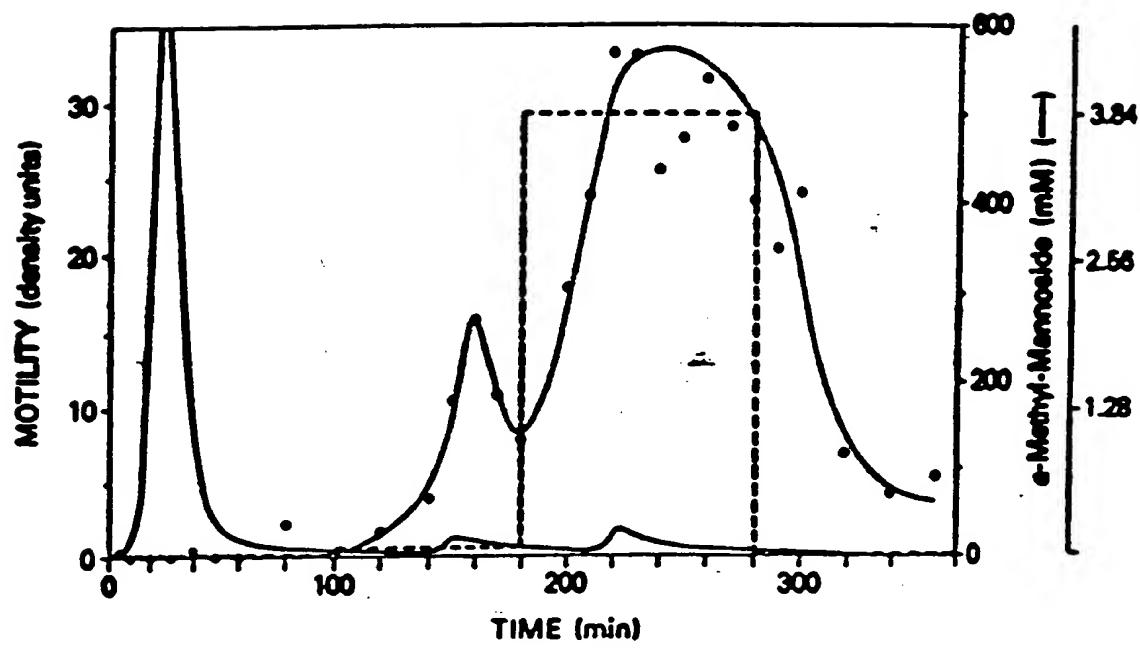


FIGURE 2

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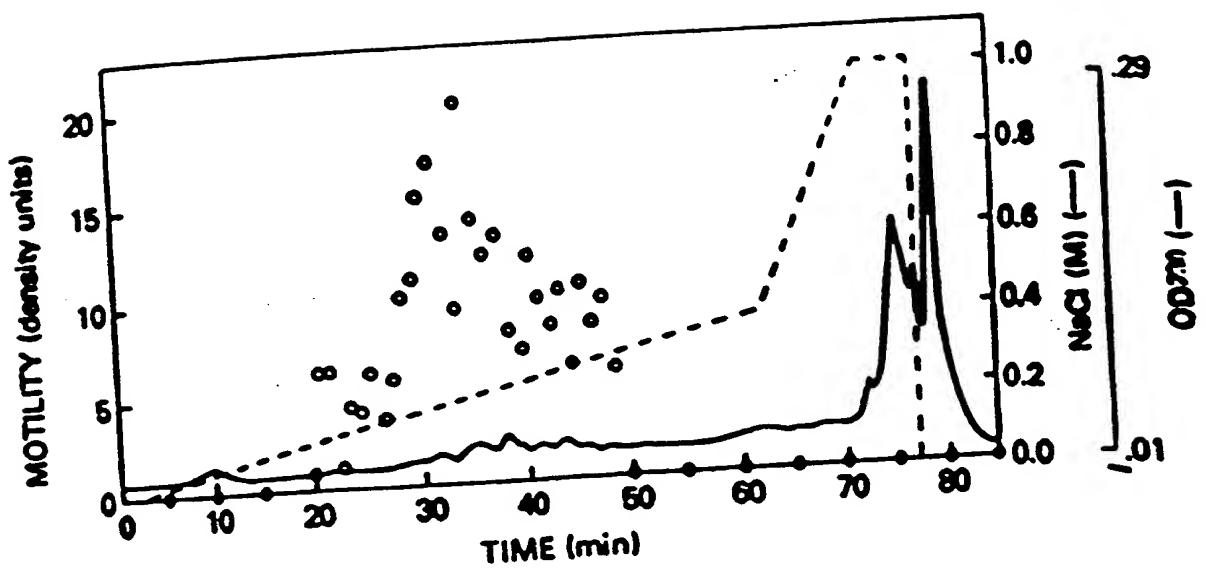


FIGURE 3

EI004875217US

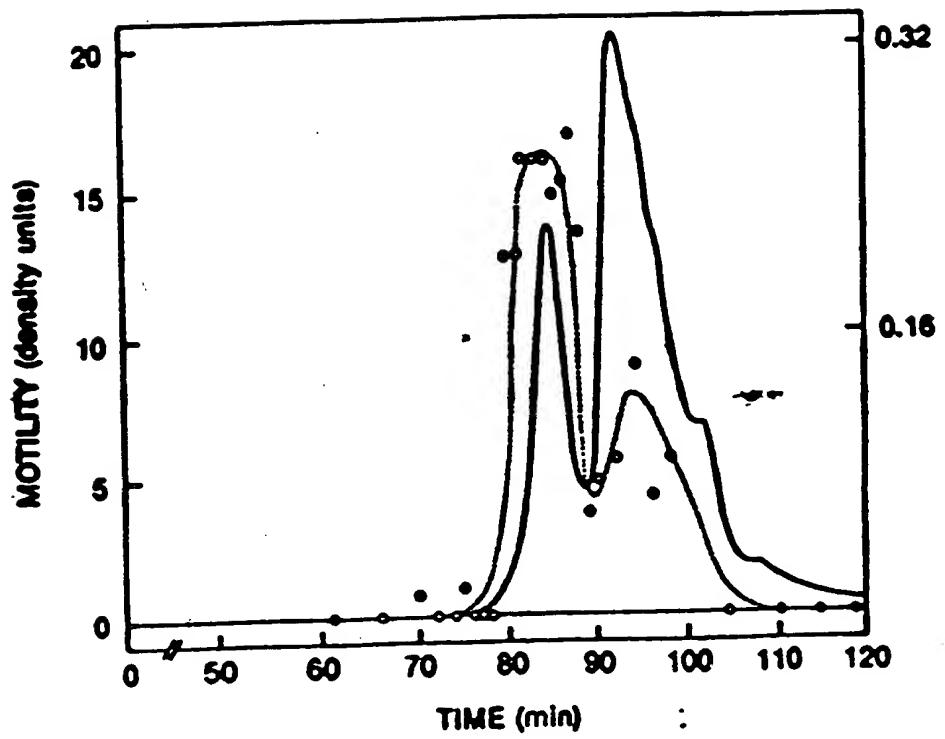


FIGURE 4

EI004875217US

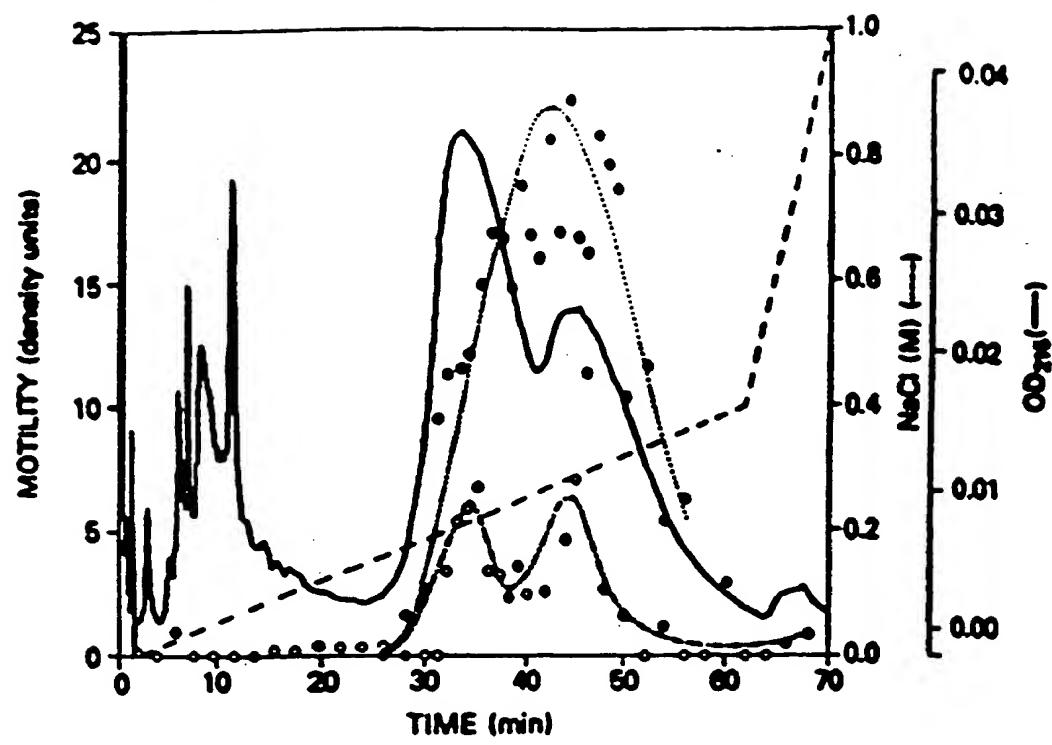


FIGURE 5

EI004875217US

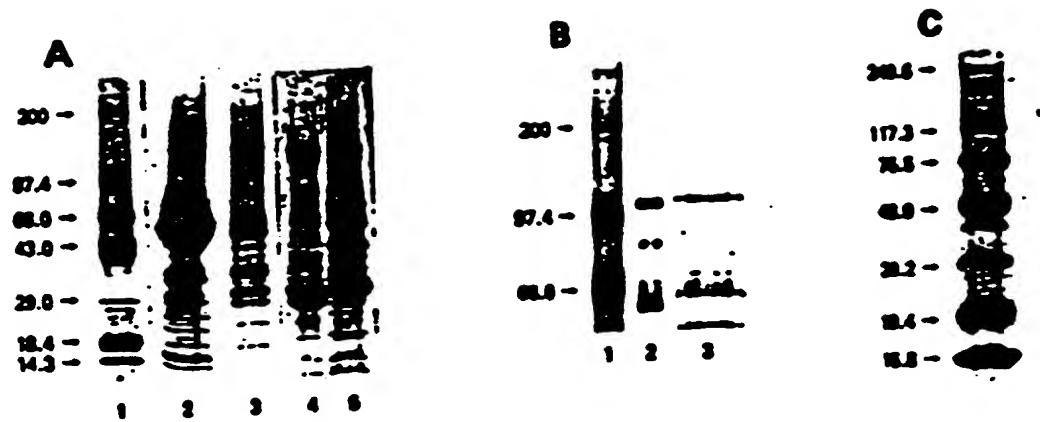


FIGURE 6

EI004875217US

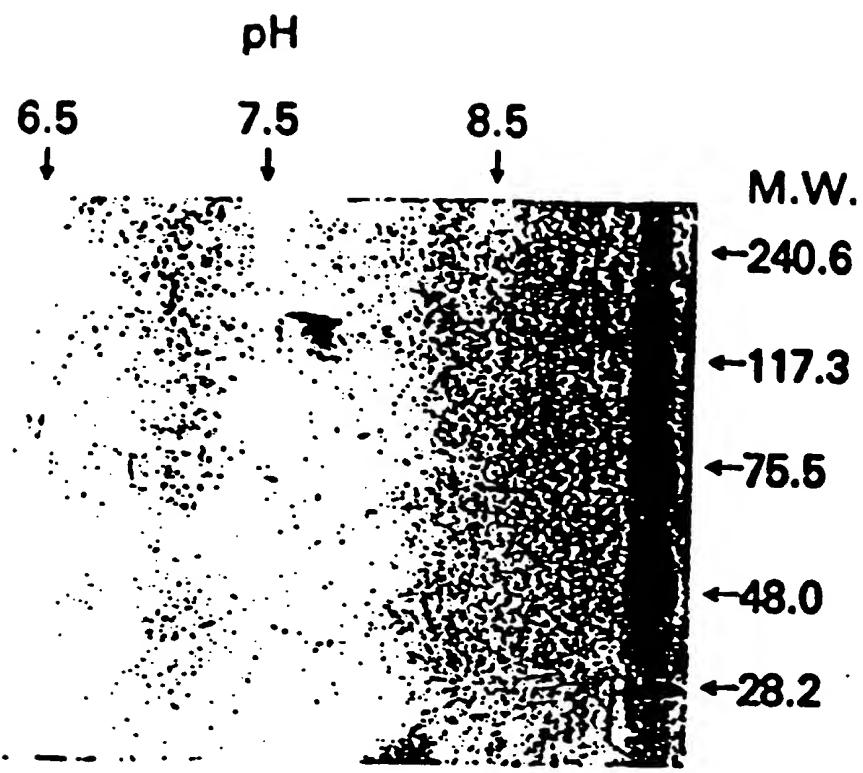


FIGURE 7

EI004875217US

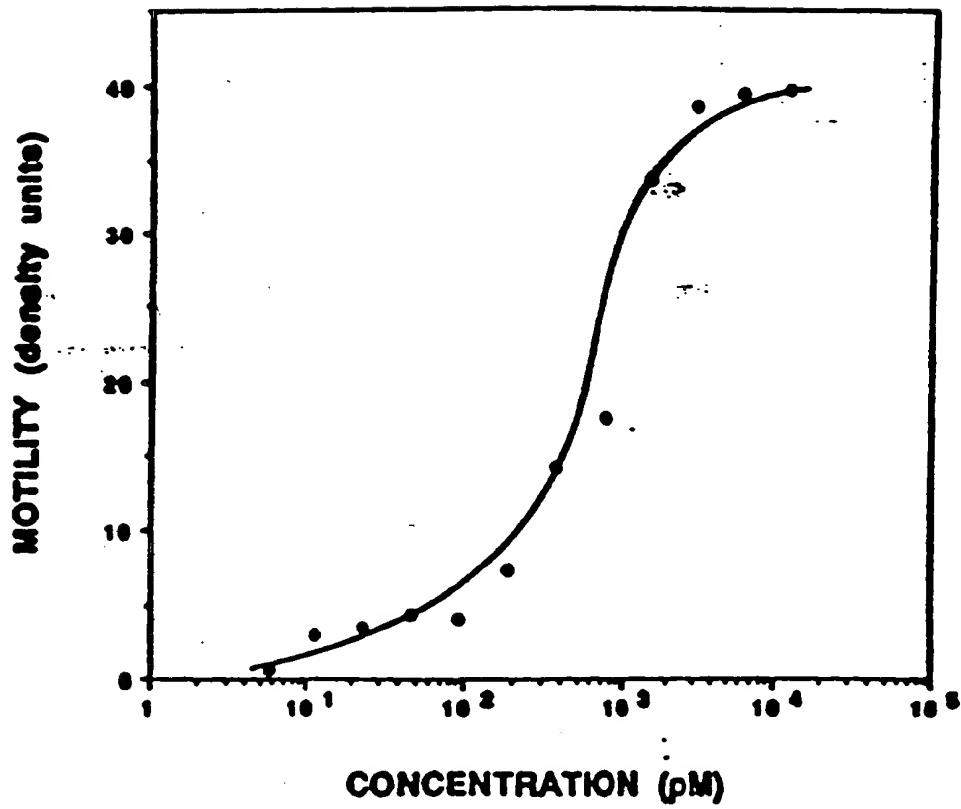


FIGURE 8

EI004875217US

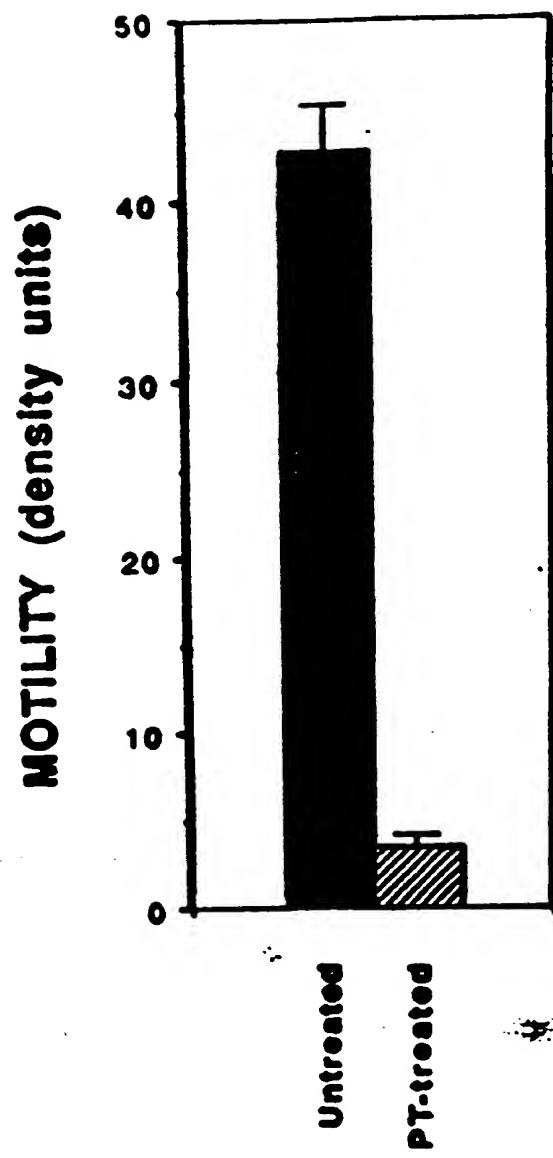


FIGURE 9

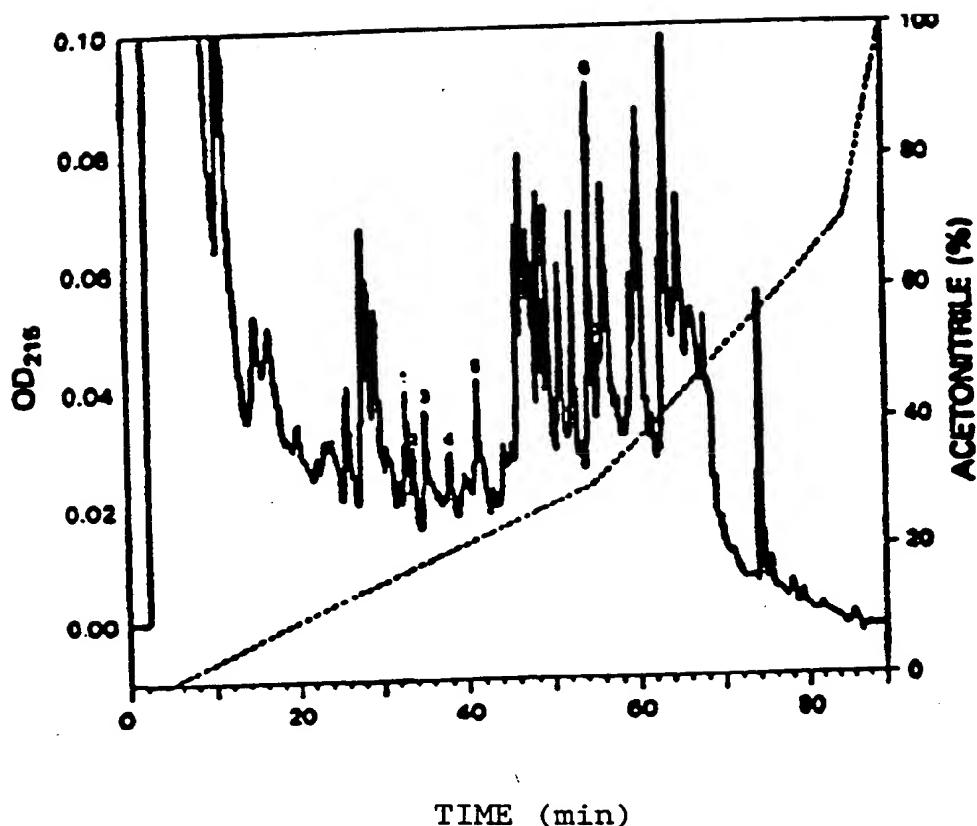
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FIG. 10

		Upper Wells		
		0	0.01%	0.1%
		0	4.8 ± 0.3	18.7 ± 0.8
Lower Wells		0.01%	48.4 ± 4.0	39.3 ± 2.8
0		0.1%	78.8 ± 1.0	68.3 ± 3.1

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FIG. 11



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cDNA Cloning of ATX (4 C11 clone)

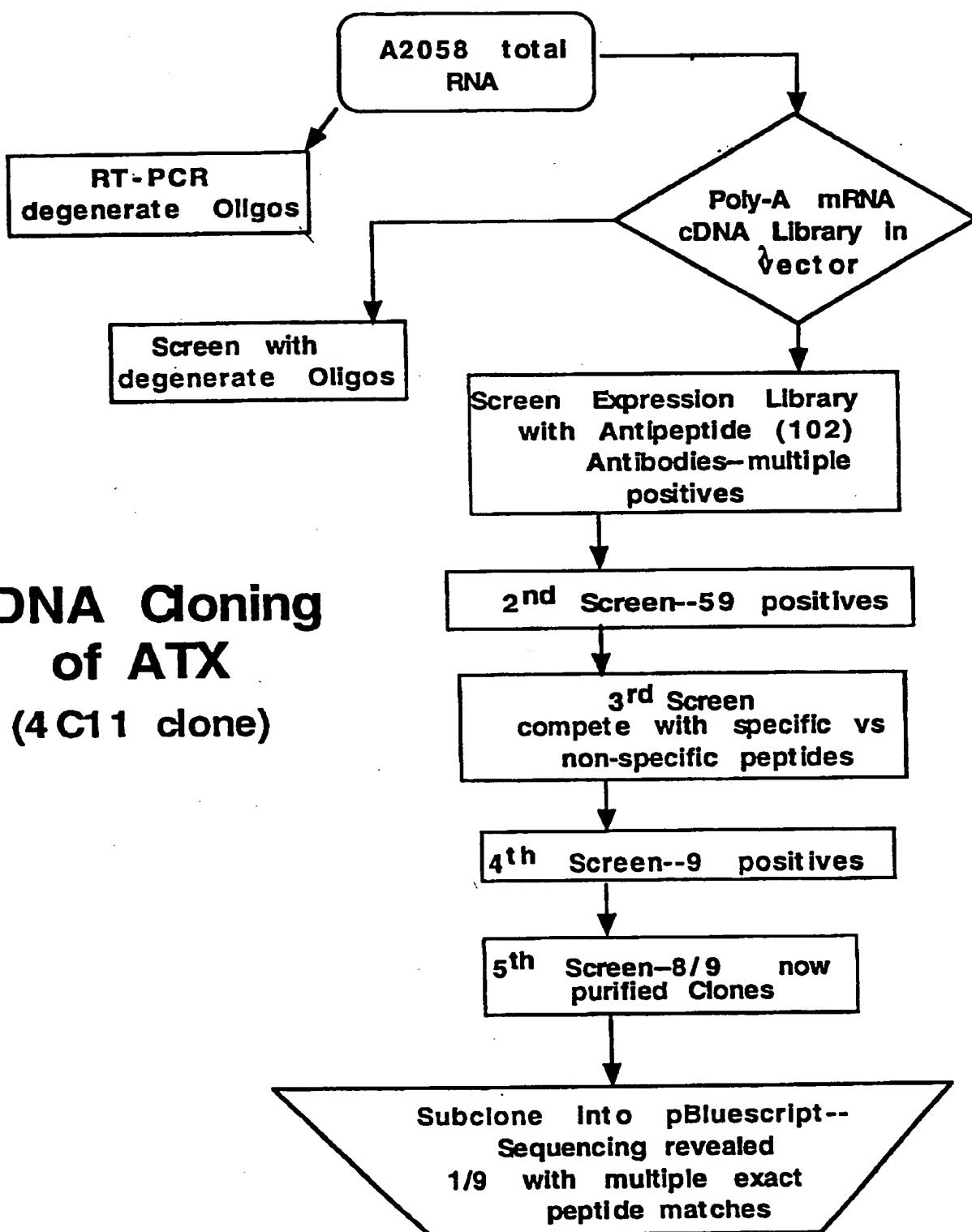


FIGURE 12

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AUTOTAXIN GENE

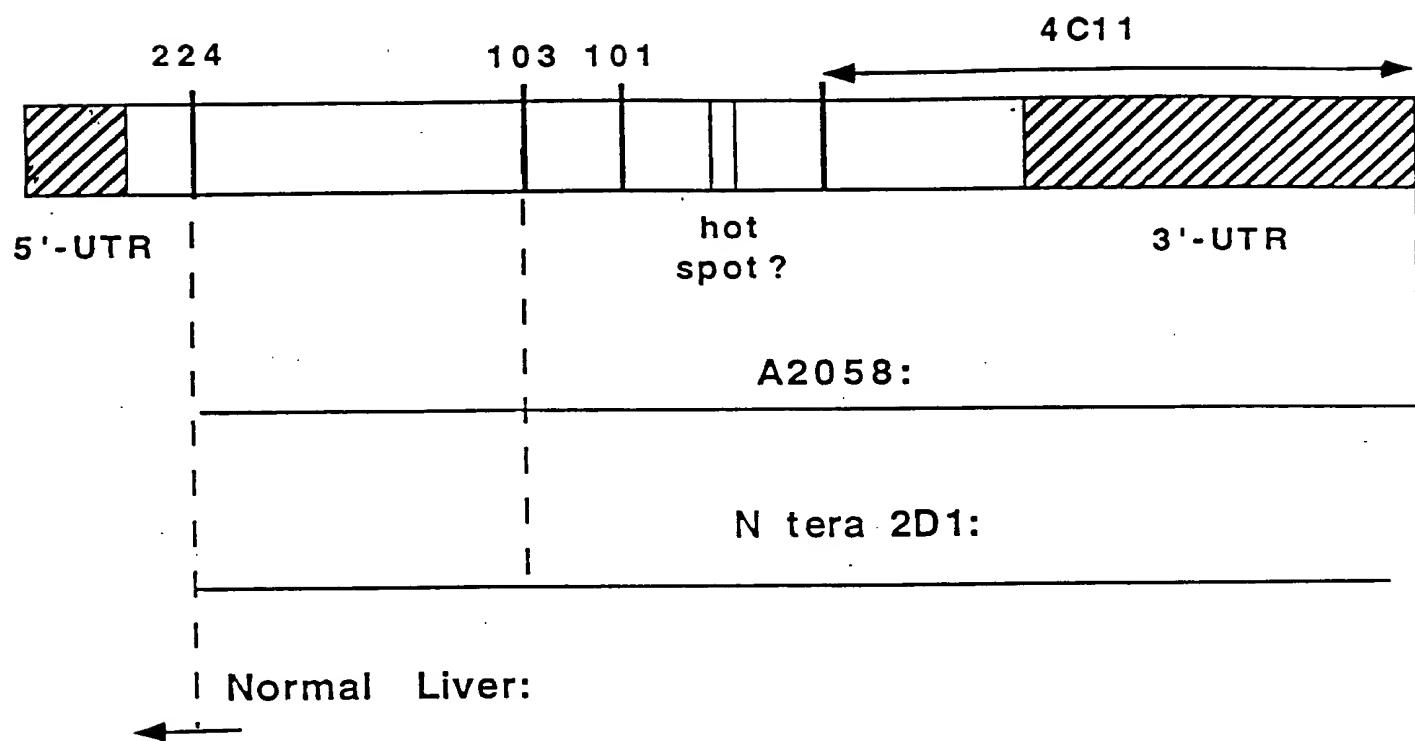


FIGURE 13

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Match-up of ATX peptides with putative A2058 protein sequence

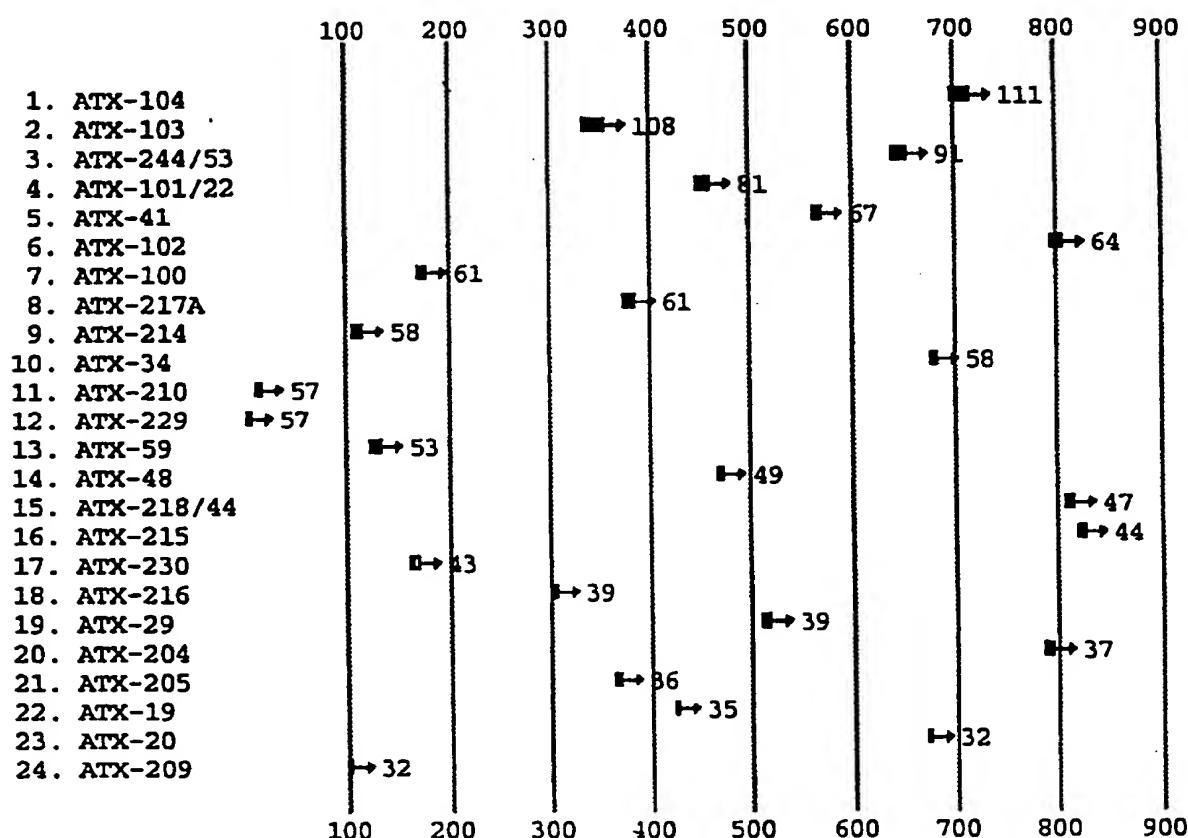


FIGURE 14

**Match-up of ATX peptides with putative N-terminus 2D1
protein sequence**

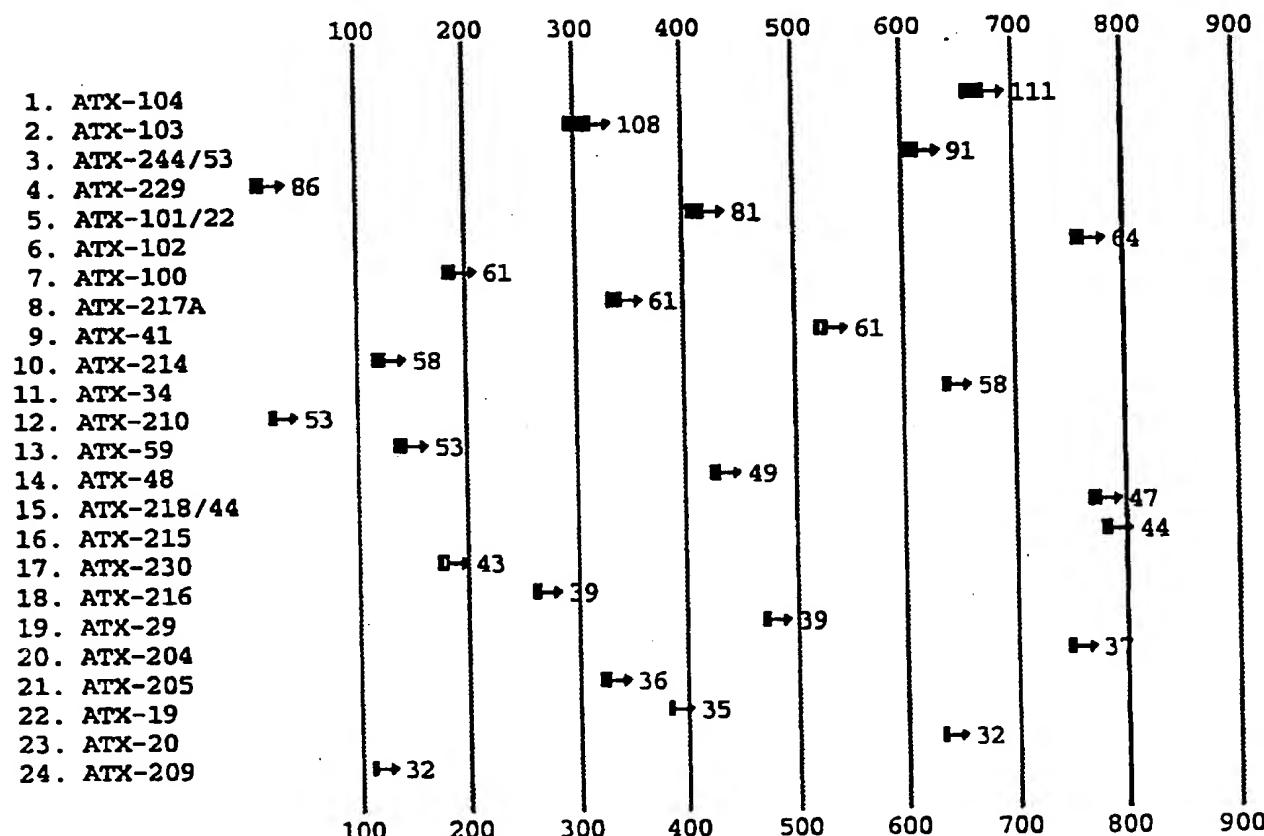


FIGURE 15

FIG. 16



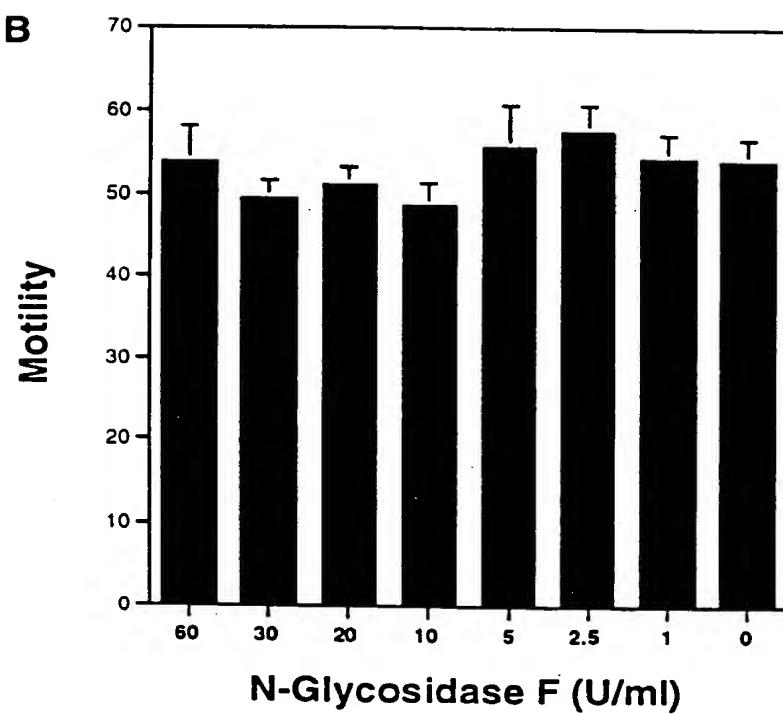
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FIG. 17

A



B



EI004875217US

FIG. 18

hATX	MARRSSFOSCQIISLSLFTFAVGVSICLGFATAIRIKRAEGWEEGPPTVLSDSPWNTNISGSCKGRCFELQEAGPPDCRCNDNLCKSYTSCCHDF	90
hPC1	MDVGEPELEKAARARTAKDPNTYKVI.SLVLSVCVLTITL.....GCIFG....LKPSCAEVK..SCKGRCF..ERTFGNCRCDAAACVELGICCLDV	84
hATX	DELCLKTARGWECTKDRCGEVRNEENACHCSEDLARGDCTNYQVVCKGESHWDVDDCEEIKAECPA:GFRPPLIIFSVDGFRASYMKKGSKVMPHIE	190
hPC1	QETCIEPEHIIWTCNKFRCGEKRI.TRSILCACSDCCKGDCCTINSSVCQGEKSWEPECESINEPOCPAGFEIPPTMIFSL.DCFFRAEVILITWCGI.RPVTS	184
hATX	KLRSCGTHSPYMRPVYPTKTFPMLYTLATGLYPESHGIVNGNSMYDPVFDATEFLHLRGREKFNHWRMGQPLUITATKQGVKAGTFFWS	272
hPC1	KLKKCGTYTKNMRFPVYPTKTFPNHYSIVTGLYPESHGIIIDNKMYDPKMNASFSLKSEKEFNPEWYKGEPIWTAKYQGLKSGTFFWPGSDVEINGIFPD	284
hATXVVIPHERRILTTLRWLTLRPHIERSVYALYSEQPHFSCKIYKGPFCPEESSYGSPTPAKRTKRKVAPKRQERPVAPPKKRKRKURMDHYAAEP	372
hPC1	YKMYNGSVPFEEERILAVLQWLQLPKDERPHFYTLYLEEPDSSGHSYGPVSSE	336
hATX	RQDKMTNPRLREIDKIVGQLMDCLKQKLRRCVNIVFVGDIIGMEDTCDRTEFLSNYLTVNDDITLVPGLTLGRIR..SKFSNN.AKYDPKALLANLTCKKPD	470
hPC1VIRALQRVUDGMVGLMDGLKELNLRCLNLILISDIGHMEQGSCKKYYLNKYLGDVKNIKVIYGPANRLRPSDVPDKYYSFNYEGIAKNLSCKEPHI	472
hATX	QHFKPYLKQILPKRHLHYANNRRIEDIHLVERRWIVARKPLDVKPKSGKCFQQDIDGFDKVNMSQTVFVGYGPFTKYKTKVPPFEMIELYNVHCDLIG	570
hPC1QHFKPYLKHHFLPKRHLFAKSDRIEPLTFYLDPQmQJALNPSE..RKYCGSGF...HGSDNVFSNMQALFGVGYPGFKHGIEADTFENIEVNLMC DLLN	526
hATX	LKPAPNNGTHGSLNHLLRTNTFRPTMPPEEVTRPNYPGIMYLQSDFDLGCTCDDKVEPKNKLDELNKRLHTKGSTEERHLYGRPAVLYRTR.YDILYHT	668
hPC1	LTPAPNNGTHGSLNHLLKNPVYTPKHPKEV.HPLVQCPCPRTRNPRDNLGCSNPSTILPIEDFQTQFNLTVAEEKIKHETLPYGRPRVLUQKENTICLLSQH	625
hATX	DFESCYSEIFMLLWTSYTSVSKQAEVSSVPDHLSCLVSPFSQONCLAYKNDKQMSYGFLFPPLSSSPEAKY.DAFLVTNMVPMPYPAFKFWINY	767
hPC1	QFMMSGYSQDILMPLWTSYTVDNDSFS..TEDFSNCLYQDFRIPLSPVHKCSFYKNNTKVSYGFLSPQQLNKNSSGIYSEALLTTNIVPMYQSFQV1WRY	723
hATX	FQRVLVKKAYSERNGVNVISGPIFDYDGLHDTEDKIKO...YEGSSIPVPHYYSIITSCLDFTOPADKCDGPLSVSFSFILPHRPDNEESCNSSEDE	875
hPC1	FHDTLLRKYAAERNGVNVSQPVFDYDGRCDSELENLRQKRRVIRNQEILIIPTHFFVLTSCCKDTSQTPLHCEN.LDTLAFLPHRTDNSESCVHGKHD	822

EI004875217US

FIG. 19

